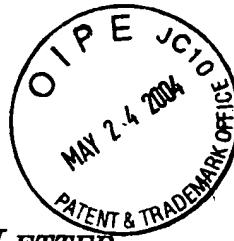
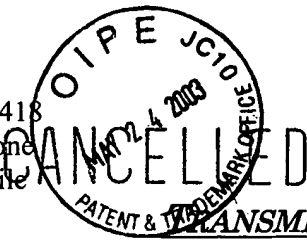


IPLM Group, P.A.
P.O. Box 18455
Minneapolis, MN 55418
612-331-7400 telephone
612-331-7401 facsimile



1760
PATENT

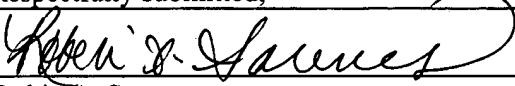
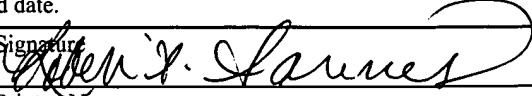
Attorney Docket No.	Serial No.
117P45USC2	10/777,408

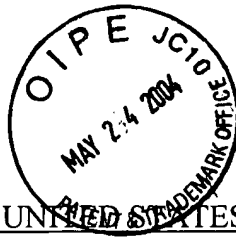
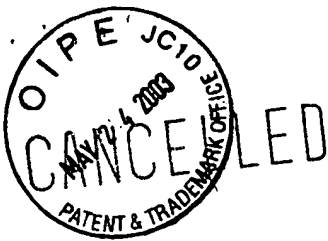
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

In re Application of:	Gregory G. Griesse et al		
Serial No.:	10/777,408	Examiner:	
Confirmation No.:	5788	Art Unit:	3744
Filed:	February 12, 2004		
For:	PRODUCT DISPENSER AND CARRIER		
We are transmitting the following documents: Return Postcard Transmittal Letter [1 page] Fee Transmittal for FY 2004 [1 page] Request to Correct Inventorship Under 37 CFR 1.48(a)(1) [1 page] Wilhelmson Statement of Lack of Deceptive Intent Under 37 CFR 1.48(a)(2) [1 page] Russell Statement of Lack of Deceptive Intent Under 37 CFR 1.48(a)(2) [1 page] Combined Declaration and Power of Attorney [3 pages] Assignee Consent to Deletion of an Inventor Under 37 CFR 1.48(a)(5) [1 page]			

Please charge Deposit Account 50-0549 for any fees under 37 CFR §1.16 and §1.17 that may be required during the pendency of this application. This authorization includes the fee for any extension of time under 37 CFR §1.136(a) that may be necessary. To the extent any such extension should become necessary it is hereby requested.

Respectfully submitted,

Registration No. 45,070	Direct Dial 612-331-7419	
Date: May 20, 2004	Robin A. Sannes	
United States Patent and Trademark Office Customer No. 23322		
Certificate of Mailing		
Pursuant to 37 CFR 1.8, I certify that this correspondence is being deposited in the United States mail, addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the below indicated date.		
		Signature 
Date of Mailing May 20, 2004	Printed Name Robin A. Sannes	



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gregory G. Griese et al. Examiner:
Serial No.: 10/777,408 Group Art Unit: 3744
Filed: February 12, 2004 Confirmation No.: 5788
Docket No.: 117P45USC2
Title: PRODUCT DISPENSER AND CARRIER

Request to Correct Inventorship under 37 CFR 1.48(a)(1)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Please correct the inventorship under 37 CFR 1.48(a) in the above-referenced nonprovisional patent application by deleting the following inventors:

Trevor J. Wilhelmson

Scott T. Russell

In addition, the statement from the inventors being deleted, the declaration by the actual inventors as required by 37 CFR 1.63, the processing fee set forth in §1.17(i), and the written consent of the assignee are enclosed.

Respectfully submitted,

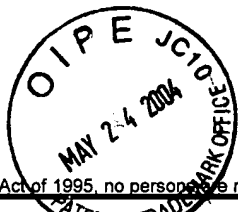
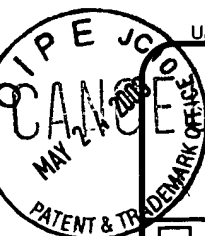
GREGORY G. GRIESE ET AL.

Date: 05/20/2004

By: Robin A. Sannes

Robin A. Sannes
Reg. No. 45,070
IPLM Group, P.A.
P.O. Box 18455
Minneapolis, MN 55418
Telephone: (612) 331-7419

05/25/2004 HTECKLU1 00000145 500549 10777408
01 FC:1460 130.00 DA



PTO/SB/17 (10-03)

Approved for use through 07/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no person shall be required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004

Effective 10/01/2003. Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 130

Complete if Known

Application Number	10/777,408
Filing Date	February 12, 2004
First Named Inventor	Gregory G. Griese
Examiner Name	
Art Unit	3744
Attorney Docket No.	117P45USC2

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None☒ Deposit Account:Deposit Account Number
500549Deposit Account Name
IPLM Group, P.A.

The Director is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments☒ Charge any additional fee(s) or any underpayment of fee(s)☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.**FEE CALCULATION****1. BASIC FILING FEE**

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	770	2001	385	Utility filing fee	
1002	340	2002	170	Design filing fee	
1003	530	2003	265	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	

SUBTOTAL (1) (\$)

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims		Extra Claims		Fee from below		Fee Paid	
Independent Claims		-20** =		X		=	
Multiple Dependent		-3** =		X		=	

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

SUBTOTAL (2) (\$)

**or number previously paid, if greater; For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1051	130	2051	65	Surcharge - late filing fee or oath	
1052	50	2052	25	Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130	Non-English specification	
1812	2,520	1812	2,520	For filing a request for <i>ex parte</i> reexamination	
1804	920*	1804	920*	Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*	Requesting publication of SIR after Examiner action	
1251	110	2251	55	Extension for reply within first month	
1252	420	2252	210	Extension for reply within second month	
1253	950	2253	475	Extension for reply within third month	
1254	1,480	2254	740	Extension for reply within fourth month	
1255	2,010	2255	1,005	Extension for reply within fifth month	
1401	330	2401	165	Notice of Appeal	
1402	330	2402	165	Filing a brief in support of an appeal	
1403	290	2403	145	Request for oral hearing	
1451	1,510	1451	1,510	Petition to institute a public use proceeding	
1452	110	2452	55	Petition to revive - unavoidable	
1453	1,330	2453	665	Petition to revive - unintentional	
1501	1,330	2501	665	Utility issue fee (or reissue)	
1502	480	2502	240	Design issue fee	
1503	640	2503	320	Plant issue fee	
1460	130	1460	130	Petitions to the Commissioner	
1807	50	1807	50	Processing fee under 37 CFR 1.17(q)	
1806	180	1806	180	Submission of Information Disclosure Stmt	
8021	40	8021	40	Recording each patent assignment per property (times number of properties)	
1809	770	2809	385	Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385	For each additional invention to be examined (37 CFR 1.129(b))	
1801	770	2801	385	Request for Continued Examination (RCE)	
1802	900	1802	900	Request for expedited examination of a design application	

Other fee (specify) Processing Fee Under 37 CFR 1.17(i)

130

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 130

SUBMITTED BY

(Complete if applicable)

Name (Print/Type)

Robin A. Sannes

Registration No.

45,070

Telephone

612-331-7419

Signature

Date

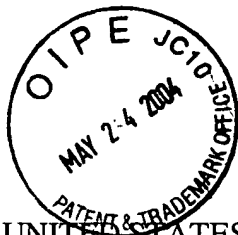
05/20/04

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS.

SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gregory G. Griese et al. Examiner:
Serial No.: 10/777,408 Group Art Unit:
Filed: February 12, 2004 Confirmation No.:
Docket No.: 117P45USC2
Title: PRODUCT DISPENSER AND CARRIER

Statement of Lack of Deceptive Intent
under 37 CFR 1.48(a)(2)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

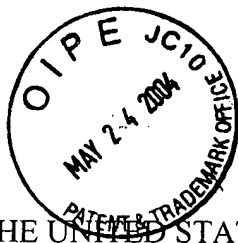
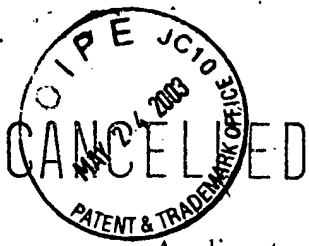
My name should be deleted as an inventor in the above-referenced patent application.
The error in inventorship occurred without any deceptive intention on my part.

Respectfully submitted,

TREVOR J. WILHELMSON

Date: 05/04/04

By: 



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gregory G. Griese et al. Examiner:
Serial No.: 10/777,408 Group Art Unit:
Filed: February 12, 2004 Confirmation No.:
Docket No.: 117P45USC2
Title: PRODUCT DISPENSER AND CARRIER

Statement of Lack of Deceptive Intent
under 37 CFR 1.48(a)(2)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450


Dear Sir:

My name should be deleted as an inventor in the above-referenced patent application.
The error in inventorship occurred without any deceptive intention on my part.

Respectfully submitted,

SCOTT T. RUSSELL

Date: 5/04/04

By: 

IPLM Group, P.A.

United States Patent Application

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor I hereby declare that: my residence, post office address and citizenship are as stated below next to my name; that

I verily believe I am the original, first and sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: PRODUCT DISPENSER AND CARRIER

The specification of which

a. ☐ is attached hereto

b. ☒ was filed on February 12, 2004, as application serial no. 10/777,408 and was amended on (if applicable) (in the case of a PCT-filed application) described and claimed in international no. filed and as amended on (if any), which I have reviewed and for which I solicit a United States patent.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, § 1.56 (attached hereto).

I hereby claim foreign priority benefits under Title 35, United States Code, § 119/365 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on the basis of which priority is claimed:

a. ☒ no such applications have been filed.

b. ☐ such applications have been filed as follows:

FOREIGN APPLICATION(S), IF ANY, CLAIMING PRIORITY UNDER 35 USC § 119			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)
ALL FOREIGN APPLICATION(S), IF ANY, FILED BEFORE THE PRIORITY APPLICATION(S)			
COUNTRY	APPLICATION NUMBER	DATE OF FILING (day, month, year)	DATE OF ISSUE (day, month, year)

I hereby claim the benefit under Title 35, United States Code, § 120/365 of any United States and PCT international application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application.

U.S. APPLICATION NUMBER	DATE OF FILING (day, month, year)	STATUS (patented, pending, abandoned)
10/121,440	10 April 2002	pending

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

U.S. PROVISIONAL APPLICATION NUMBER	DATE OF FILING (Day, Month, Year)

I hereby appoint the following attorney(s) and/or patent agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected herewith:

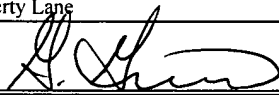

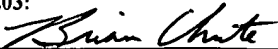
William D. Bauer	Reg. No. 28,052
David R. Cleveland	Reg. No. 29,524
Michael L. Mau	Reg. No. 30,087
Robin A. Sannes	Reg. No. 45,070

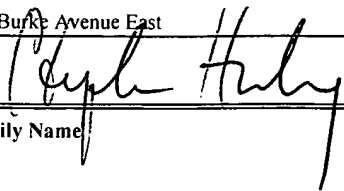
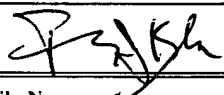
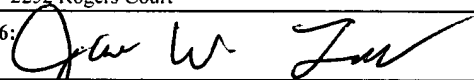
I hereby authorize them to act and rely on instructions from and communicate directly with the person/assignee/attorney/firm/ organization who/which first sends/sent this case to them and by whom/which I hereby declare that I have consented after full disclosure to be represented unless/until I instruct IPLM Group, P.A., to the contrary.

Please direct all correspondence in this case to IPLM Group, P.A. at the address indicated below:

IPLM Group, P.A.
Post Office Box 18455
Minneapolis, MN 55418

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

2	Full Name Of Inventor	Family Name Griese	First Given Name Gregory	Second Given Name G.
0	Residence & Citizenship	City Hudson	State or Foreign Country Wisconsin	Country of Citizenship U.S.A.
1	Post Office Address	Post Office Address 734 Gherty Lane	City Hudson	State & Zip Code/Country Wisconsin 54016/U.S.A.
Signature of Inventor 201: 				Date: 3/24/04
2	Full Name Of Inventor	Family Name Thomas	First Given Name John	Second Given Name E.
0	Residence & Citizenship	City River Falls	State or Foreign Country Wisconsin	Country of Citizenship U.S.A.
2	Post Office Address	Post Office Address 1019 E. Hazel Street	City River Falls	State & Zip Code/Country Wisconsin 54022/U.S.A.
Signature of Inventor 202: 				Date: 3/24/04
2	Full Name Of Inventor	Family Name Chute	First Given Name Brian	Second Given Name A.
0	Residence & Citizenship	City Laver Grove Heights Wausau ^{BC 5-13-04}	State or Foreign Country ^{BC 5-13-04} Minnesota Wisconsin	Country of Citizenship U.S.A.
3	Post Office Address	Post Office Address 8672 Bechtel Avenue 2805 Arrowood Ln ^{BC 5-13-04} Apt B	City Laver Grove Heights Wausau ^{BC 5-13-04}	State & Zip Code/Country Wisconsin 54401 Minnesota 55401 ^{BC 5-13-04} U.S.A.
Signature of Inventor 203: 				Date: 5-13-04

2	Full Name Of Inventor	Family Name Hubig	First Given Name Stephan	Second Given Name M.
0	Residence & Citizenship	City Maplewood	State or Foreign Country Minnesota	Country of Citizenship Germany
4	Post Office Address	Post Office Address 733 Burke Avenue East	City Maplewood	State & Zip Code/Country Minnesota 55117/U.S.A.
Signature of Inventor 204: 			Date: 3/24/04	
2	Full Name Of Inventor	Family Name Klos	First Given Name Terry	Second Given Name J.
0	Residence & Citizenship	City Victoria	State or Foreign Country Minnesota	Country of Citizenship U.S.A.
5	Post Office Address	Post Office Address 8135 Trillium Circle	City Victoria	State & Zip Code/Country Minnesota 55386/U.S.A.
Signature of Inventor 205: 			Date: 3/24/04	
2	Full Name Of Inventor	Family Name Lerbs	First Given Name Jamie	Second Given Name W.
0	Residence & Citizenship	City Mendota Heights	State or Foreign Country Minnesota	Country of Citizenship U.S.A.
6	Post Office Address	Post Office Address 2252 Rogers Court	City Mendota Heights	State & Zip Code/Country Minnesota 55120/U.S.A.
Signature of Inventor 206: 			Date: 3/24/04	

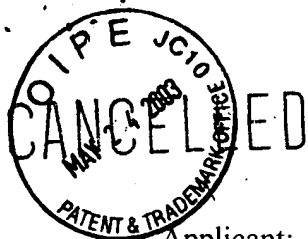
§ 1.56 Duty to disclose information material to patentability.

(a) A patent by its very nature is affected with a public interest. The public interest is best served, and the most effective patent examination occurs when, at the time an application is being examined, the Office is aware of and evaluates the teachings of all information material to patentability. Each individual associated with the filing and prosecution of a patent application has a duty of candor and good faith in dealing with the Office, which includes a duty to disclose to the Office all information known to that individual to be material to patentability as defined in this section. The duty to disclose information exists with respect to each pending claim until the claim is canceled or withdrawn from consideration, or the application becomes abandoned. Information material to the patentability of a claim that is canceled or withdrawn from consideration need not be submitted if the information is not material to the patentability of any claim remaining under consideration in the application. There is no duty to submit information which is not material to the patentability of any existing claim. The duty to disclose all information known to be material to patentability is deemed to be satisfied if all information known to be material to patentability of any claim issued in a patent was cited by the Office or submitted to the Office in the manner prescribed by §§ 1.97(b)-(d) and 1.98. However, no patent will be granted on an application in connection with which fraud on the Office was practiced or attempted or the duty of disclosure was violated through bad faith or intentional misconduct. The Office encourages applicants to carefully examine:

- (1) prior art cited in search reports of a foreign patent office in a counterpart application, and
 - (2) the closest information over which individuals associated with the filing or prosecution of a patent application believe any pending claim patentably defines, to make sure that any material information contained therein is disclosed to the Office.
- (b) Under this section, information is material to patentability when it is not cumulative to information already of record or being made of record in the application, and
- (1) It establishes, by itself or in combination with other information, a prima facie case of unpatentability of a claim;
- or
- (2) It refutes, or is inconsistent with, a position the applicant takes in:
 - (i) Opposing an argument of unpatentability relied on by the Office, or
 - (ii) Asserting an argument of patentability.

A prima facie case of unpatentability is established when the information compels a conclusion that a claim is unpatentable under the preponderance of evidence, burden-of-proof standard, giving each term in the claim its broadest reasonable construction consistent with the specification, and before any consideration is given to evidence which may be submitted in an attempt to establish a contrary conclusion of patentability.

- (c) Individuals associated with the filing or prosecution of a patent application within the meaning of this section are:
- (1) Each inventor named in the application;
 - (2) Each attorney or agent who prepares or prosecutes the application; and
 - (3) Every other person who is substantively involved in the preparation or prosecution of the application and who is associated with the inventor, with the assignee or with anyone to whom there is an obligation to assign the application.
- (d) Individuals other than the attorney, agent or inventor may comply with this section by disclosing information to the attorney, agent, or inventor.



PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Gregory G. Griese et al. Examiner:
Serial No.: 10/777,408 Group Art Unit:
Filed: February 12, 2004 Confirmation No.:
Docket No.: 117P45USC2
Title: PRODUCT DISPENSER AND CARRIER

Assignee Consent to Deletion of an Inventor
under 37 CFR 1.48(a)(5)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

As evidenced by the Assignment recorded at Reel 013037, Frame 0454 on July 1, 2002 for the parent patent application, Serial No. 10/121,440, Ecolab Inc. is the Assignee of the above-referenced patent application.

Ecolab Inc. consents to the deletion of Trevor J. Wilhelmson and Scott T. Russell as inventors in this application.

Respectfully submitted,

ECOLAB INC.

Date: May 6, 2004

By: AS

Andrew D. Sorensen
Chief Patent Counsel